

Minutes of Meeting  
Monday May 01, 2006 at 09:00 AM

Location: 1801 30th Street, Room 303  
Subject: Caltrans – Industry Falsework Forum Meeting # 2

Initials	Name	Representing
JW	John Walters	Caltrans OSC
HDF	H. Dale Floyd	Caltrans OSC
JD	John Diskin	Yeager/Skanska
FG	Frank Gillespie	Yeager/Skanska
BK	Bill Kidwell	C.C. Myers

## 1. Agenda

Time	Topic	Speaker
Start 09:00am	Welcome	Host
	Self Introductions	All
09:15 - 10:30	Falsework Incidents Presentation Sutter Creek Sullivan Creek Joiner Parkway	John Walters
10:30-11:45	Submittals Discussion Guying Plans: Looking for Caltrans Guide Lines. JD mentioned that Robb Stott might have been working on this issue. Railroad Guidelines: Checklist. HDF provided one from the shoring guidelines. It's extensive. BK: GGL Testing of 24" dia. CIDH Falsework piles. Is it needed and if so, why?	

## 2. Meeting Notes

- A. Purpose of the meeting/forum was presented by JW:
  1. Provide a forum for discussion of issues related to falsework
  2. Attendees were encouraged to submit items for future discussion
  3. The intent is to hold the meeting quarterly.
- B. Falsework Incidents Presentation by JW.
  1. Sutter Creek: Longitudinal cable bracing released prior to grading. Lack of stability measures resulted in collapse. The need to maintain stability measures during all phases of construction was emphasized.
  2. Sullivan Creek: Falsework lowering by way of threaded rods. Caps were not lowered at same rate resulting in stringers on high side pressing against bridge soffit. Threaded rod on high side became overstressed and failed. Lesson learned - make sure that Falsework removal procedures are clearly spelled out and followed.
  3. Joiner Parkway: Lost deck failure occurred during deck pour due to supports being placed incorrectly. JW asked if contractors had a problem with 3/8" plywood failing under load from ironworkers placing deck steel. The consensus seemed to be that the plywood, if failed, is easy enough to patch.
  4. Submittals:

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- a. Railroad submittals. Updated RR guidelines are either published or in the works. Complete initial submittals will expedite the review. HDF provided a list of submittal requirements from the recently updated Shoring guidelines.
  - b. Soil nail walls: Soil nail wall submittals are becoming more common. Updated submittal and review guidelines are being developed.
- C. General Discussion:
1. JD is looking to Caltrans for column guying design & analysis guidelines. He said that Robb Stott might have been involved in developing guidelines. There are internal and external stability issues. Analysis including “backing into” a “L” value amounts to “guesstimating”. “Rules of thumb” are used. Various methods are available for securing internal cross bracing. Are there guidelines for number of ties?
  2. BK questioned the need for GGL on 24” dia CIDH piles for Falsework. This is no longer an issue on the particular contract, but should be addressed. JW will look into the issue.
  3. Contractors have submitted sand jack test data. CT is working on standards for testing. Testing standards will be shared with industry in the near future.

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These notes may be relied upon as the approved record of matters discussed and conclusions reached during the meeting.

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Prepared by: John F. Walters PE

Signed by: John F. Walters

Date: 05/04/2006